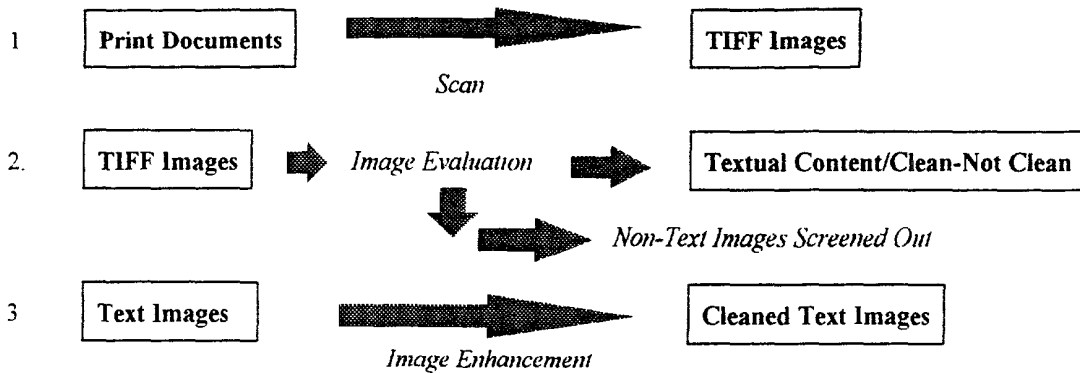


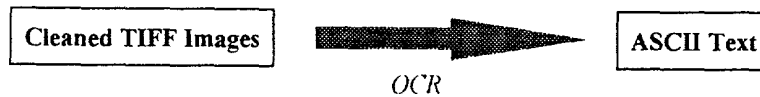
**Figure 1**

**Image-to-Data Processing System:**

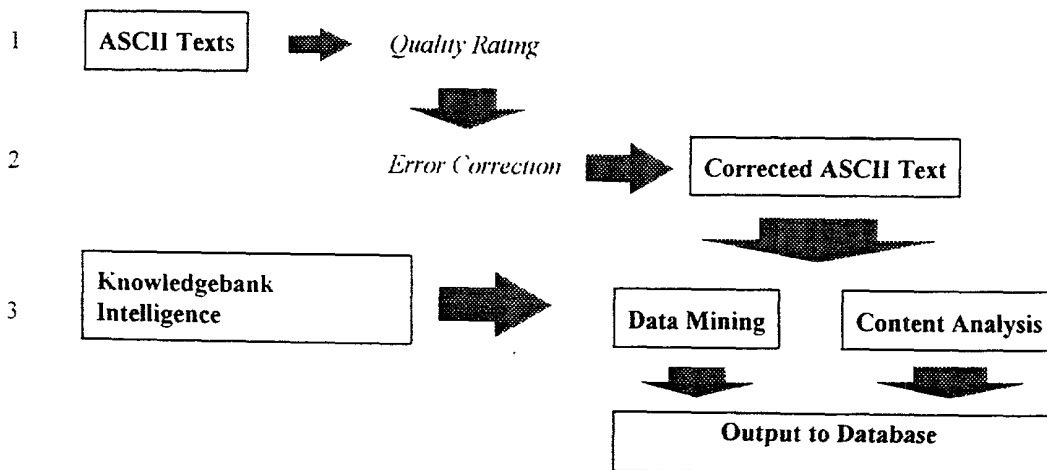
**Pre-OCR Processes**

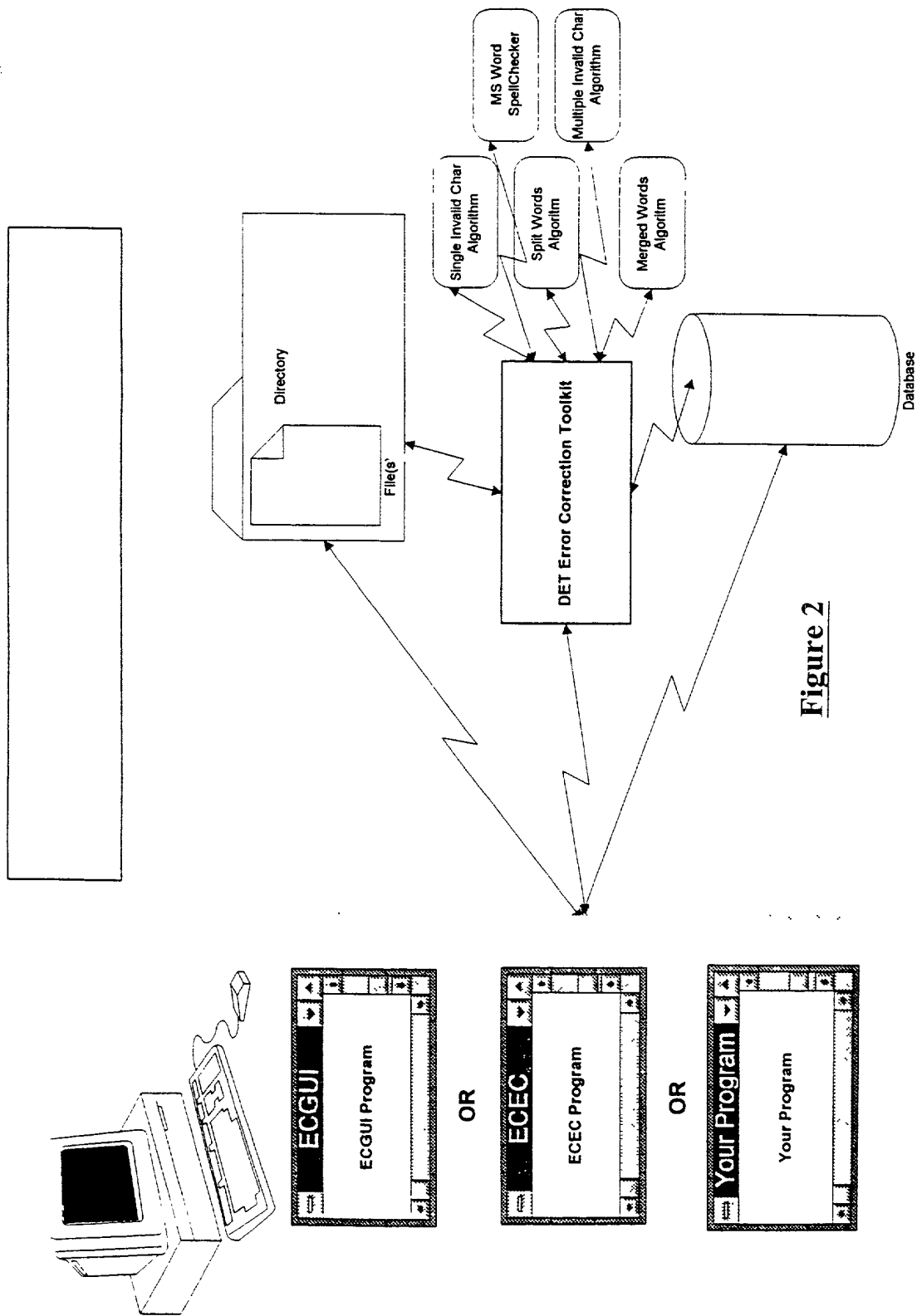


**Optical Character Recognition: Image-to-Text Conversion**



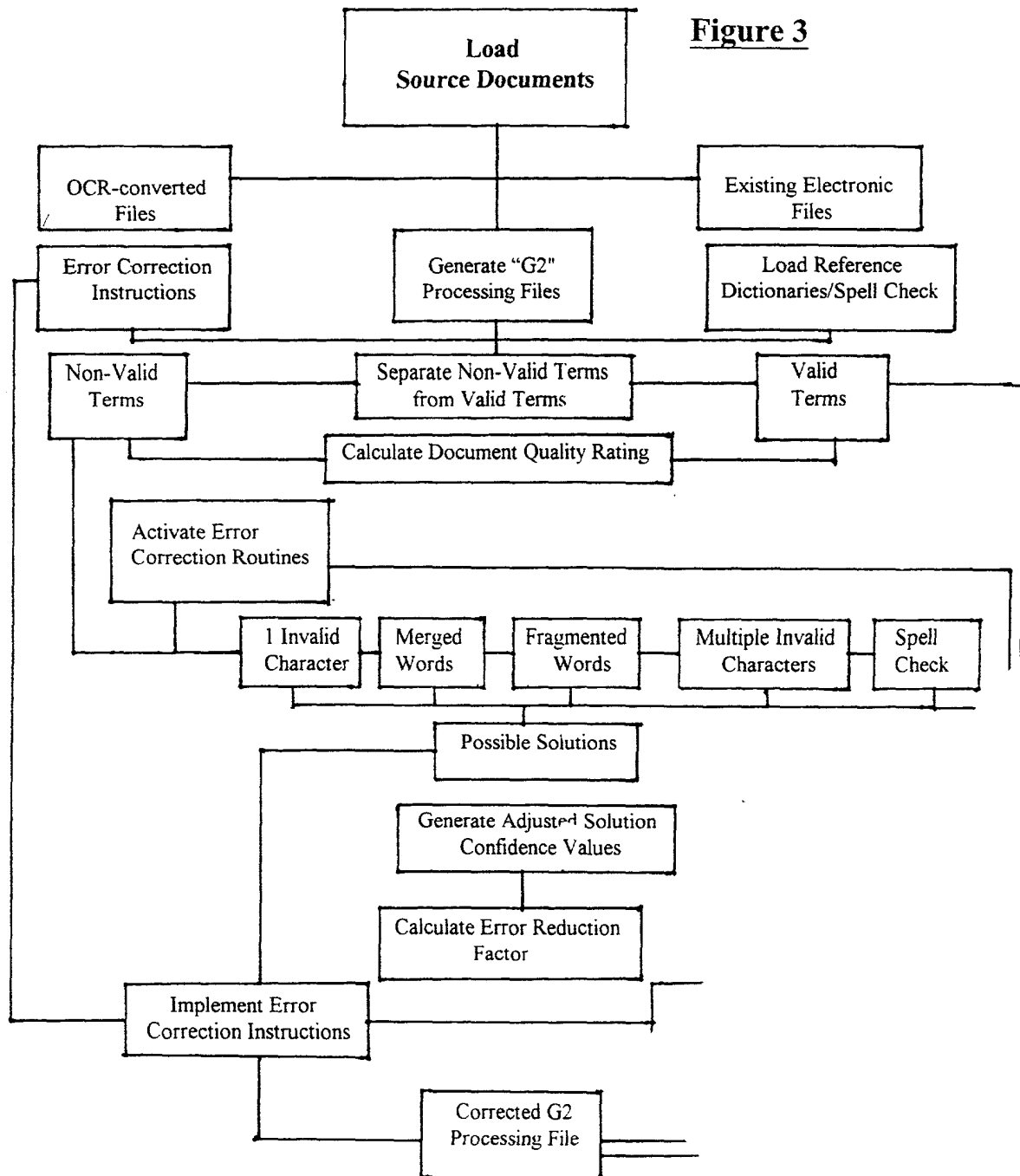
**Post-OCR Processes: Text-to-Data Conversion**





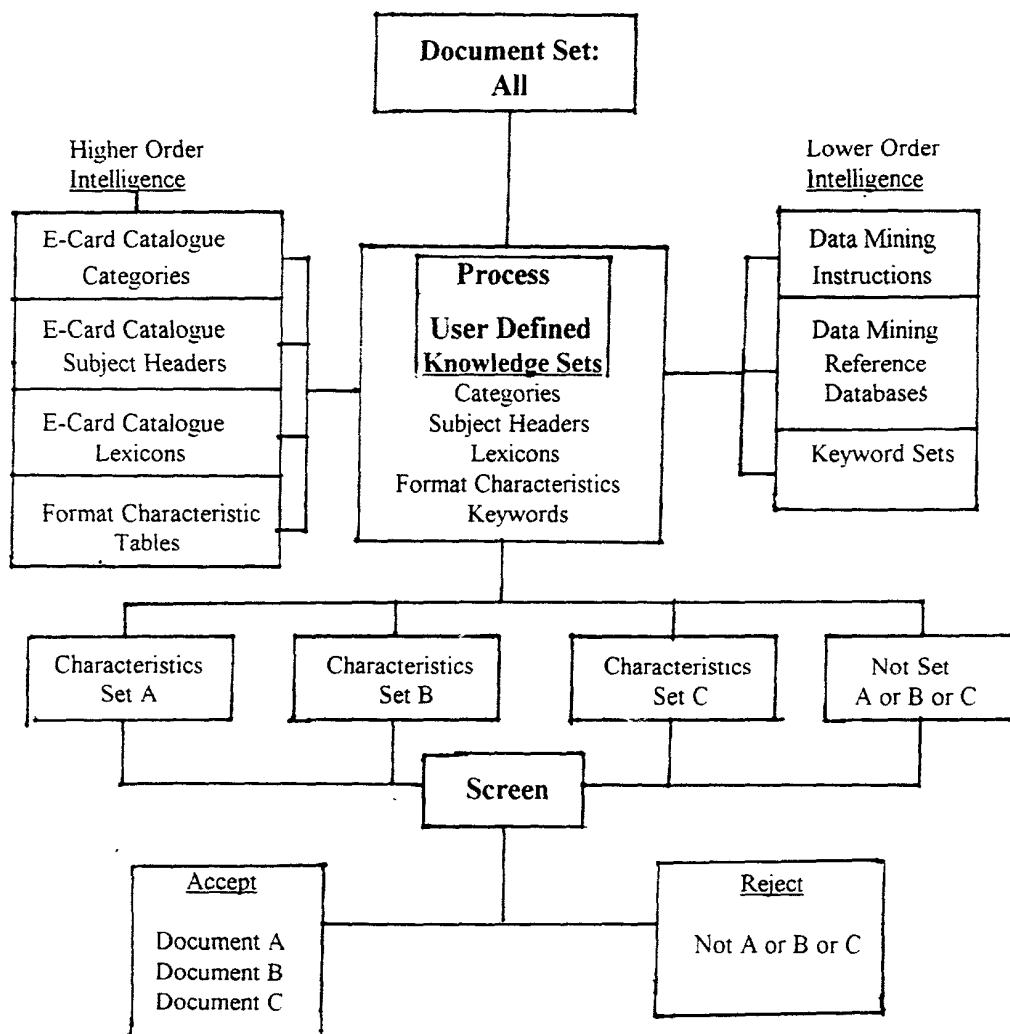
## Computer-Aided Error Correction

**Figure 3**



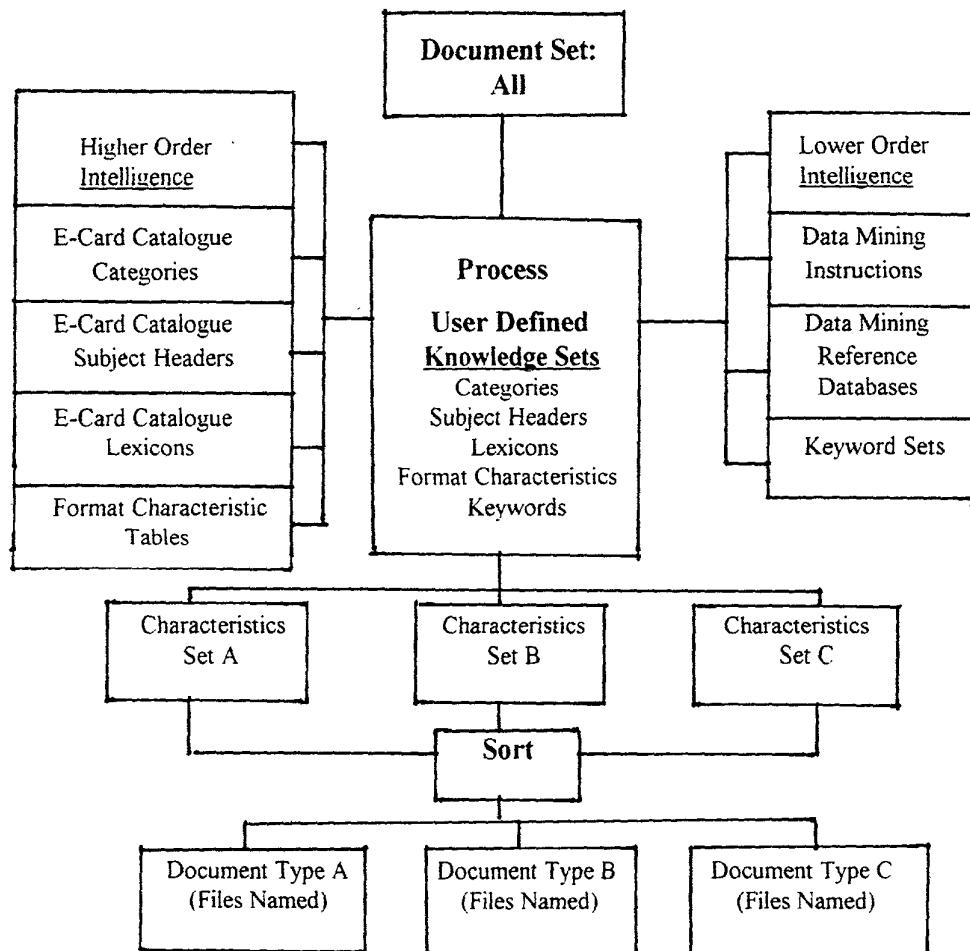
**Figure 4**

**Diagram: Screening**



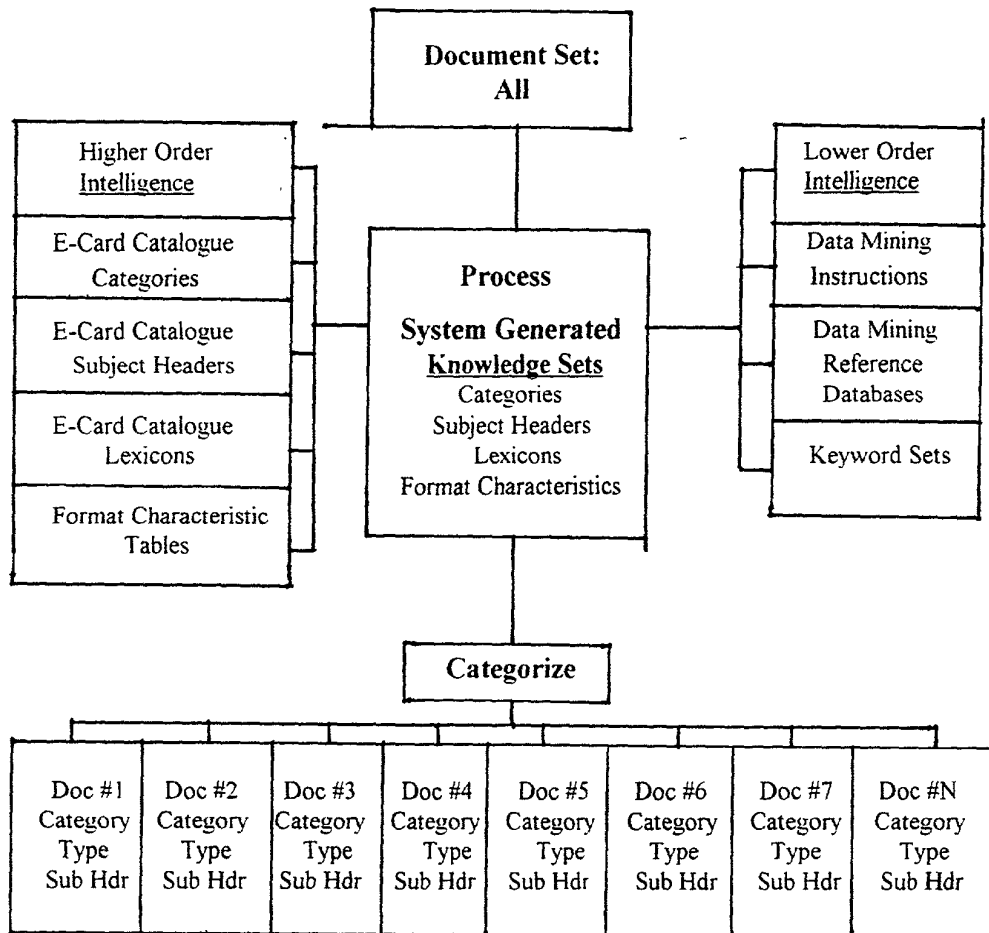
**Figure 5**

**Diagram: Sorting**



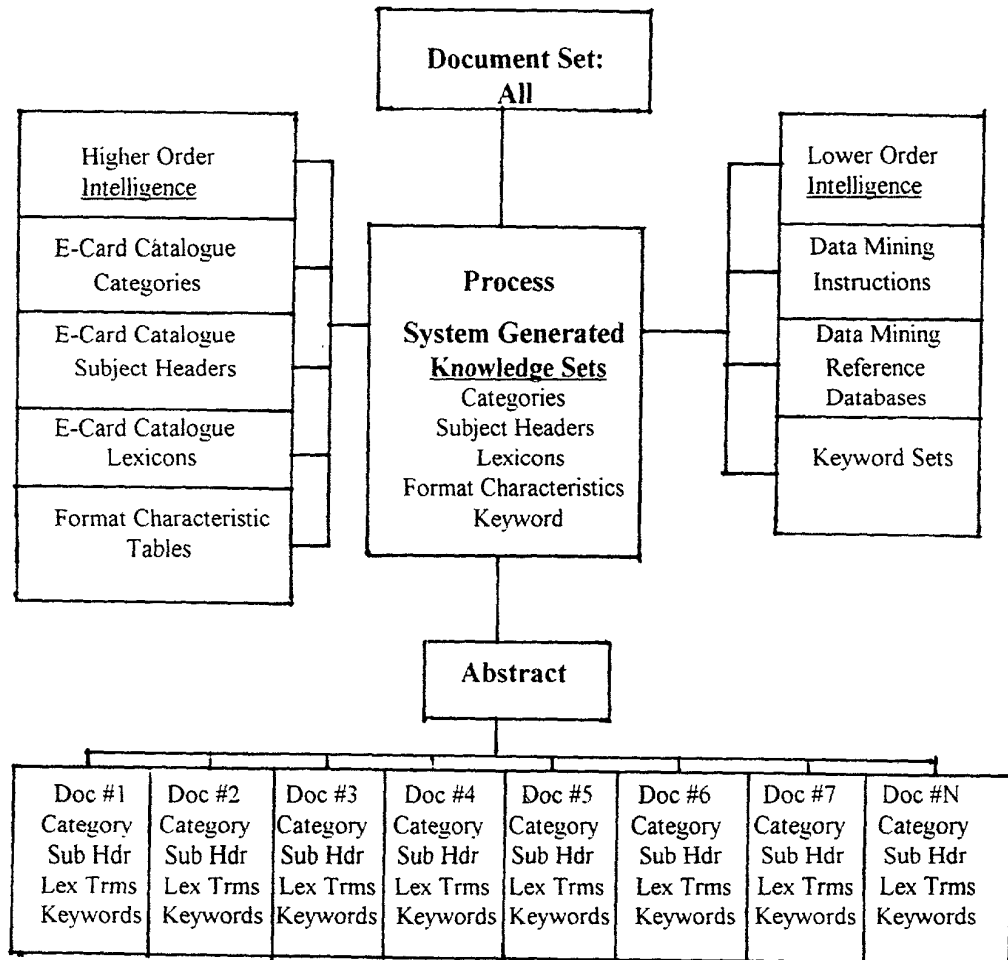
**06-196**      **1967**

### Diagram: Characterizing



**Figure 7**

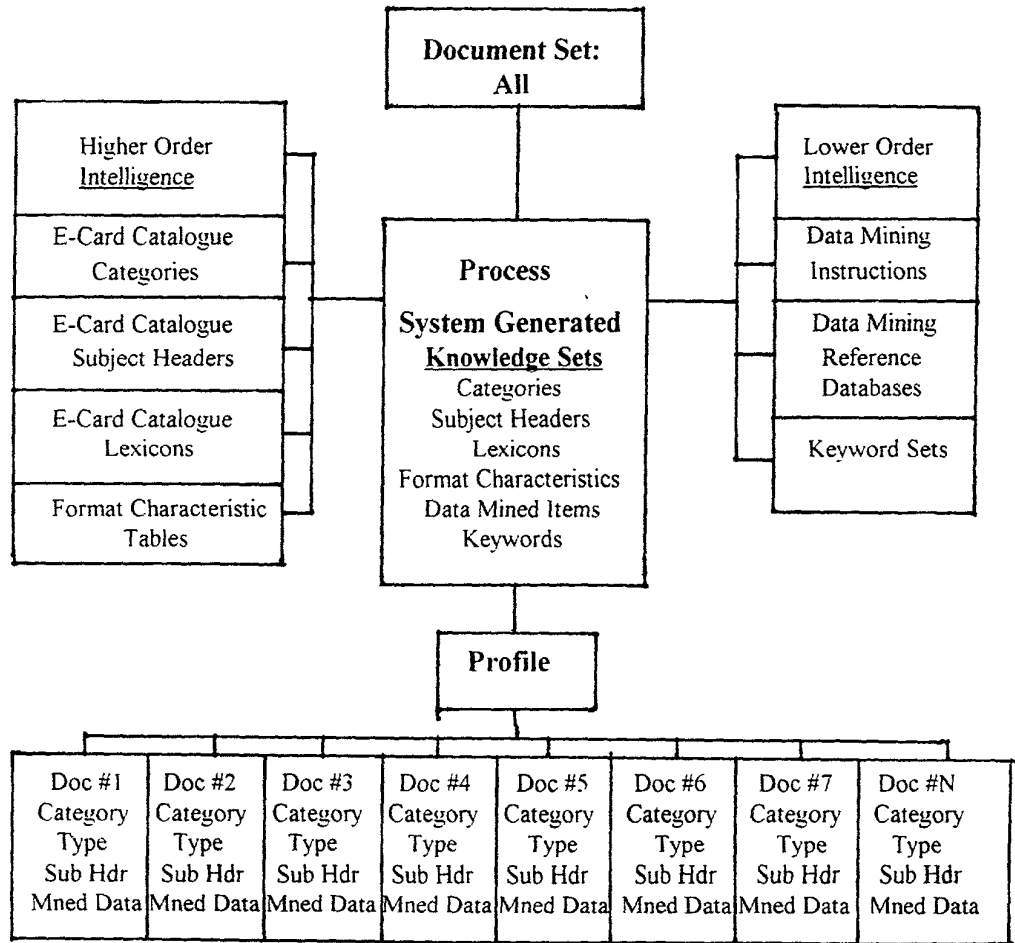
**Diagram: Abstracting**



FOUO "96476850"

**Figure 8**

**Diagram: Profiling**

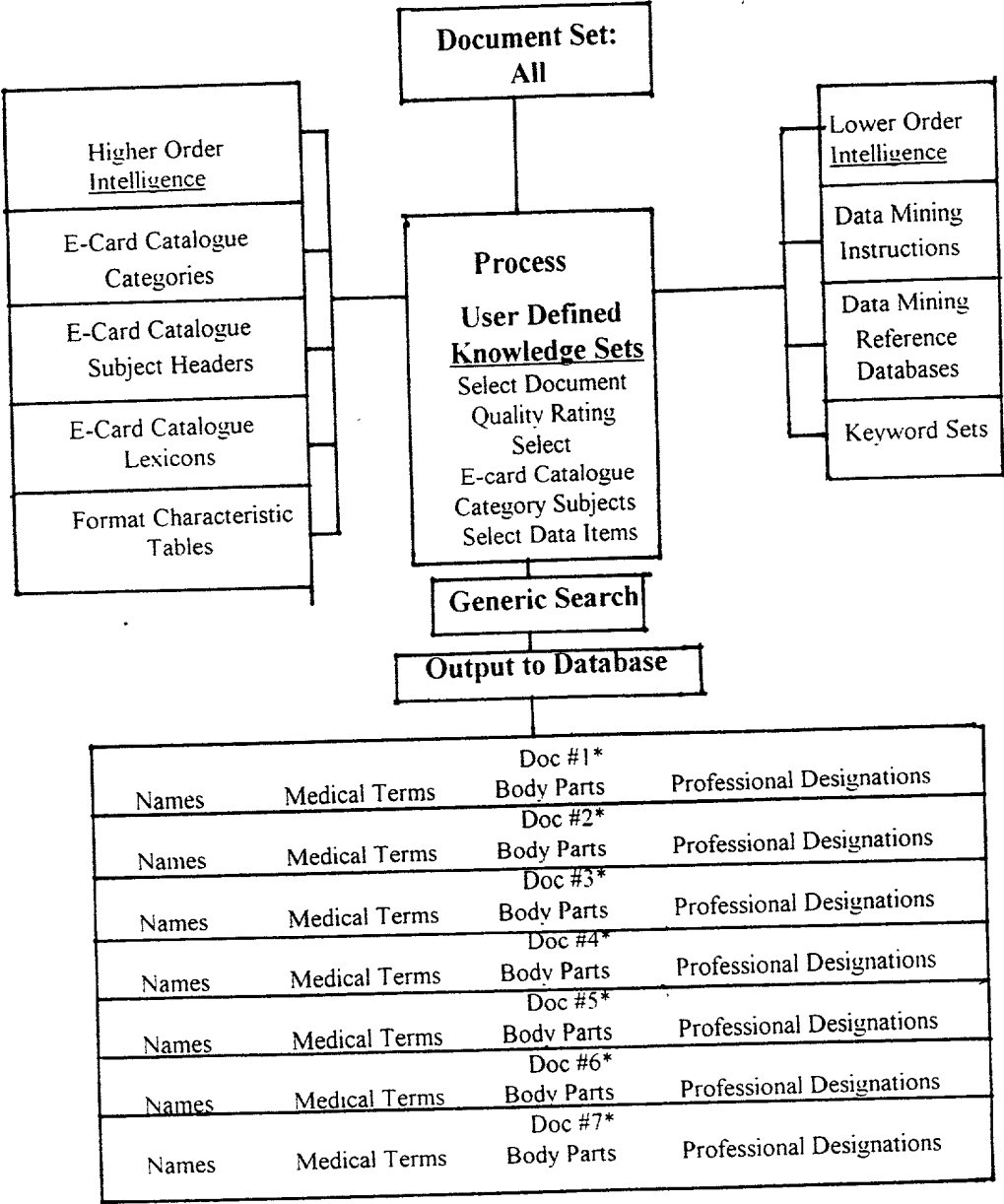


FOUO "96476350



Figure 9

Diagram: Generic Searching



\* as an example

**Figure 10**

**Diagram: Data Mining**

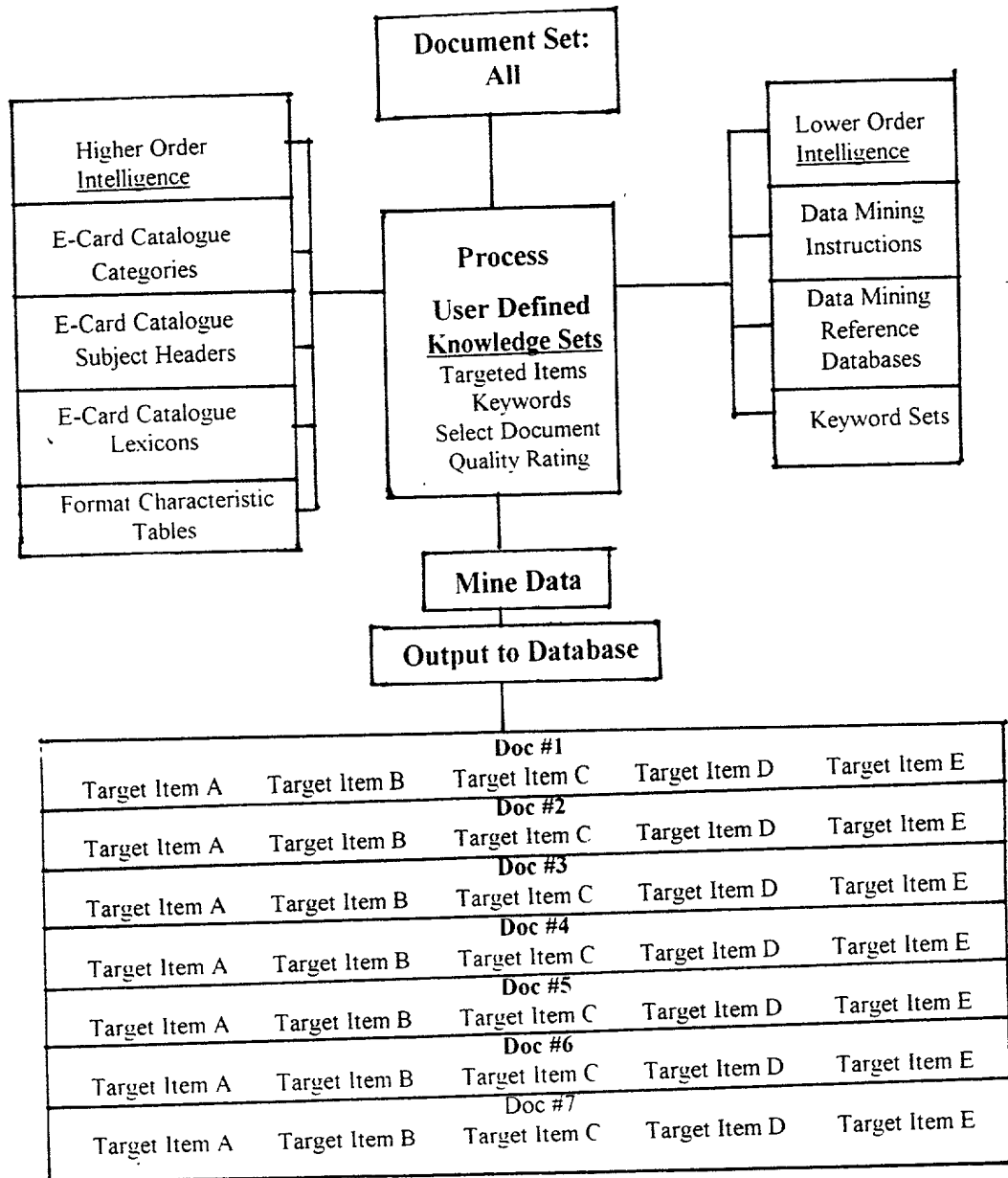
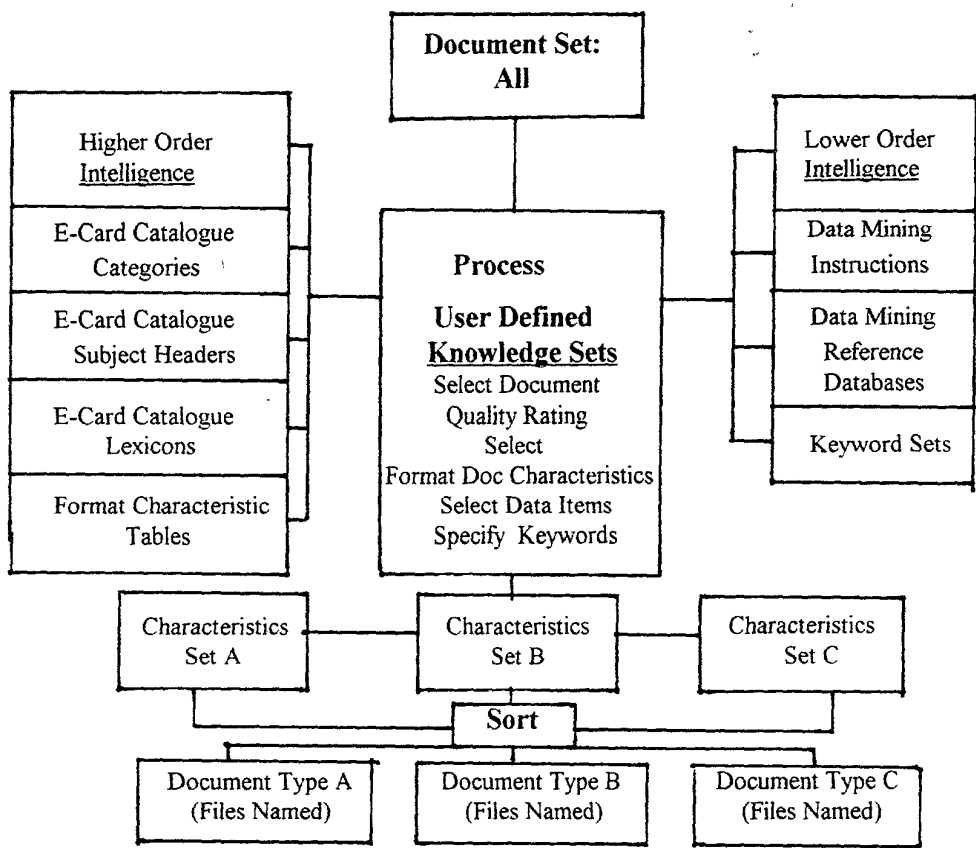


Figure 11

Diagram: Non Standard Forms Processing

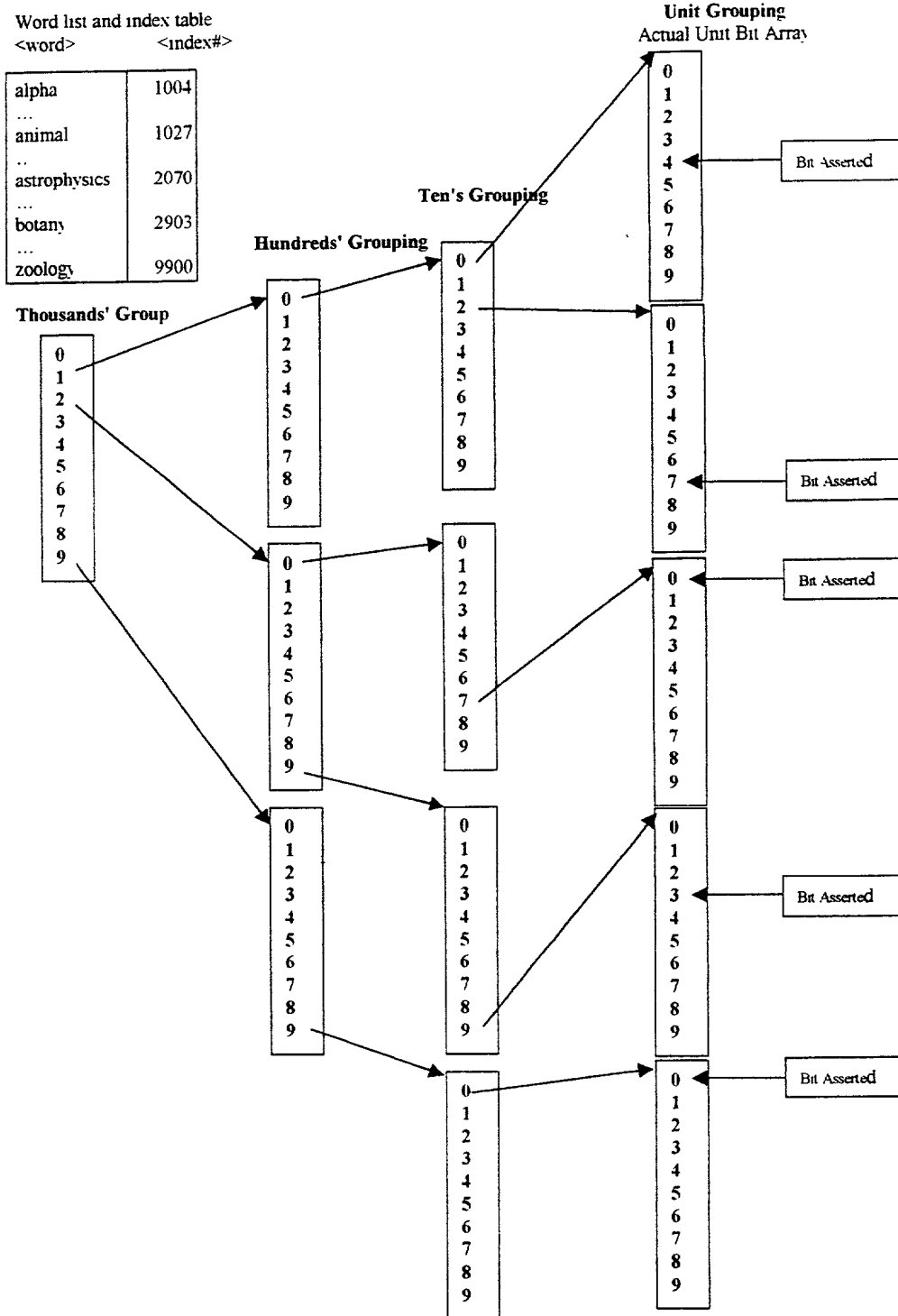


Mine Data Appropriate to Document Type

Document Type A	Document Type B	Document Type C
(File Name)	(File Name)	(File Name)
Mined Data	Mined Data	Mined Data
(File Name)	(File Name)	(File Name)
Mined Data	Mined Data	Mined Data
(File Name)	(File Name)	(File Name)
Mined Data	Mined Data	Mined Data

Output to Database

**Figure 12**



**Figure 13**

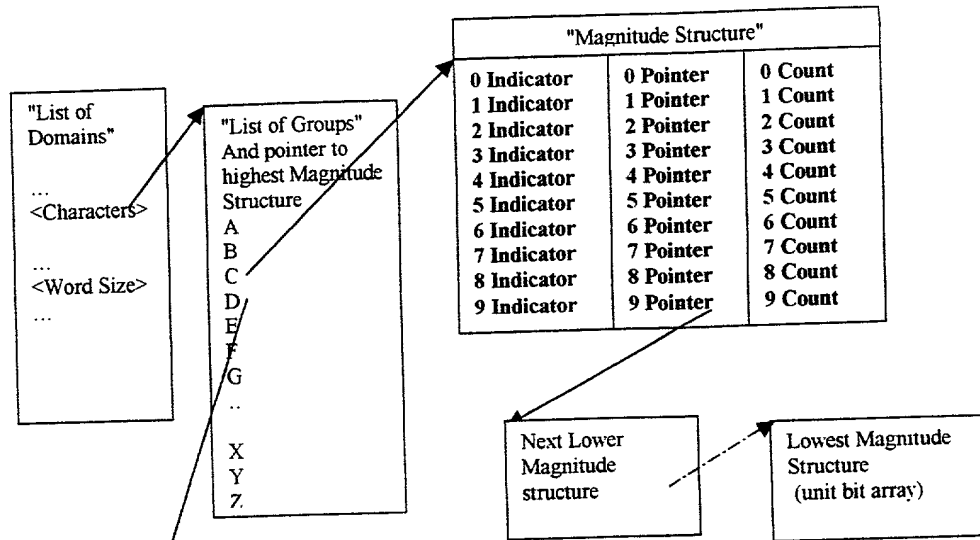
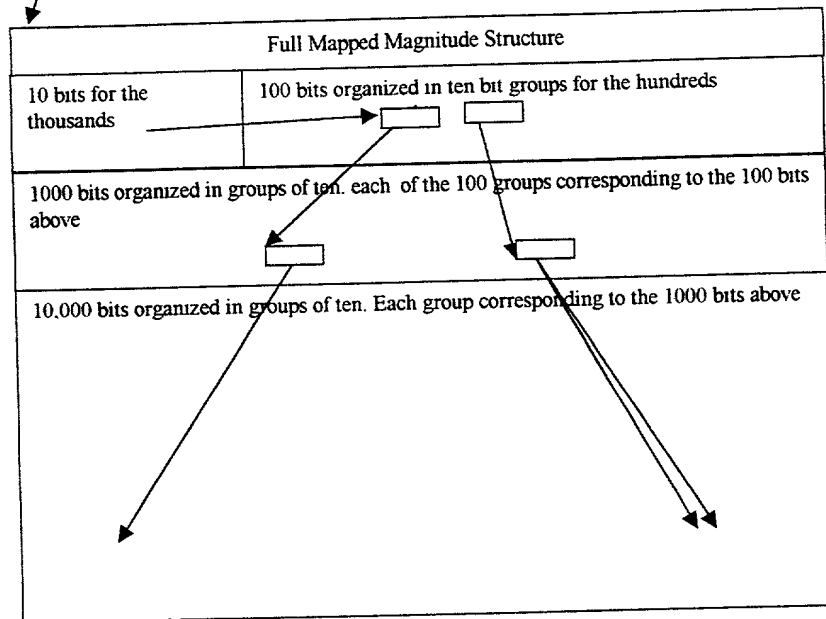


Figure 2a Actual Memory Mapping for the Full Array



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